

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

Claims 1-59 (Canceled).

60. (Currently Amended) A gas discharge device comprising a sealed chamber containing at least one noble gas and at least one electrode, the electrode comprising ~~at least one of a substrate, carbon nanotubes and nanorods and an~~ adhesion promoting material to promote adhesion of the carbon nanotubes to the substrate, wherein the adhesion promoting material comprises at least one of a carbon-dissolving material, a carbide-forming material, and a material selected from the group consisting of aluminum, tin, cadmium, zinc and bismuth.

61. (Canceled)

62. (Previously Presented) The gas discharge device of claim 60, wherein the electrode comprises pre-formed carbon nanotubes deposited after formation on at least a portion of a surface of the electrode.

63. (Previously Presented) The gas discharge device of claim 62, wherein the carbon nanotubes are deposited after formation on at least the portion of the

surface of the electrode by one of a casting, a printing, a spraying, a spin coating, and an electrophoresis deposition process.

64. (Canceled)

65. (Canceled)

66. (Currently Amended) A lighting device comprising a sealed chamber containing an excitable gas, a phosphor coated surface, and at least one electrode, the electrode comprising ~~at least one of a~~ a substrate, carbon nanotubes and nanorods and an adhesion promoting material to promote adhesion of the carbon nanotubes to the substrate, wherein the adhesion promoting material comprises at least one of a carbon-dissolving material, a carbide-forming material, and a material selected from the group consisting of aluminum, tin, cadmium, zinc and bismuth.

67. (Canceled)

68. (Previously Presented) The lighting device of claim 66, wherein the electrode comprises pre-formed carbon nanotubes deposited after formation on at least a portion of a surface of the electrode.

69. (Previously Presented) The lighting device of claim 68, wherein the carbon nanotubes are deposited after formation by one of a casting, a printing, a spraying, a spin coating, and an electrophoresis deposition process.

Claims 70 to 80 (Canceled).

81. (New) The gas discharge device of claim 60, wherein the carbon nanotubes are single-walled carbon nanotubes.

82. (New) The gas discharge device of claim 60, wherein a thickness of the adhesion promoting layer is 50 nm.

83. (New) The gas discharge device of claim 60, wherein the deposited carbon nanotubes are annealed.

84. (New) The gas discharge device of claim 62, wherein the carbon nanotubes are single-walled carbon nanotubes.

85. (New) The gas discharge device of claim 62, wherein a thickness of the adhesion promoting layer is 50 nm.

86. (New) The gas discharge device of claim 62, wherein the deposited carbon nanotubes are annealed.

87. (New) The gas discharge device of claim 66, wherein the carbon nanotubes are single-walled carbon nanotubes.

88. (New) The gas discharge device of claim 66, wherein a thickness of the adhesion promoting layer is 50 nm.

89. (New) The gas discharge device of claim 66, wherein the deposited carbon nanotubes are annealed.

90. (New) The gas discharge device of claim 68, wherein the carbon nanotubes are single-walled carbon nanotubes.

91. (New) The gas discharge device of claim 68, wherein a thickness of the adhesion promoting layer is 50 nm.

92. (New) The gas discharge device of claim 68, wherein the deposited carbon nanotubes are annealed.